

ENGINEERING CHANGE NOTICE NO. 03838				SHEET 1 OF 1	
DWG NO. 646.9700		REV: NC	PREPARED BY B. PETERS	DATE: 04/01/13	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
DWG TITLE: CUTTER SUB ASSY					
APPROVED BY:	ENGR <i>[Signature]</i>	MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: CURRENT ORDER	
REASON: REVISED NOTES.				ECR:	D-13-030
TRANSACTION CODES (TC): A-ADD C-CREATE D-DELETE R-REVISE					

**IS**

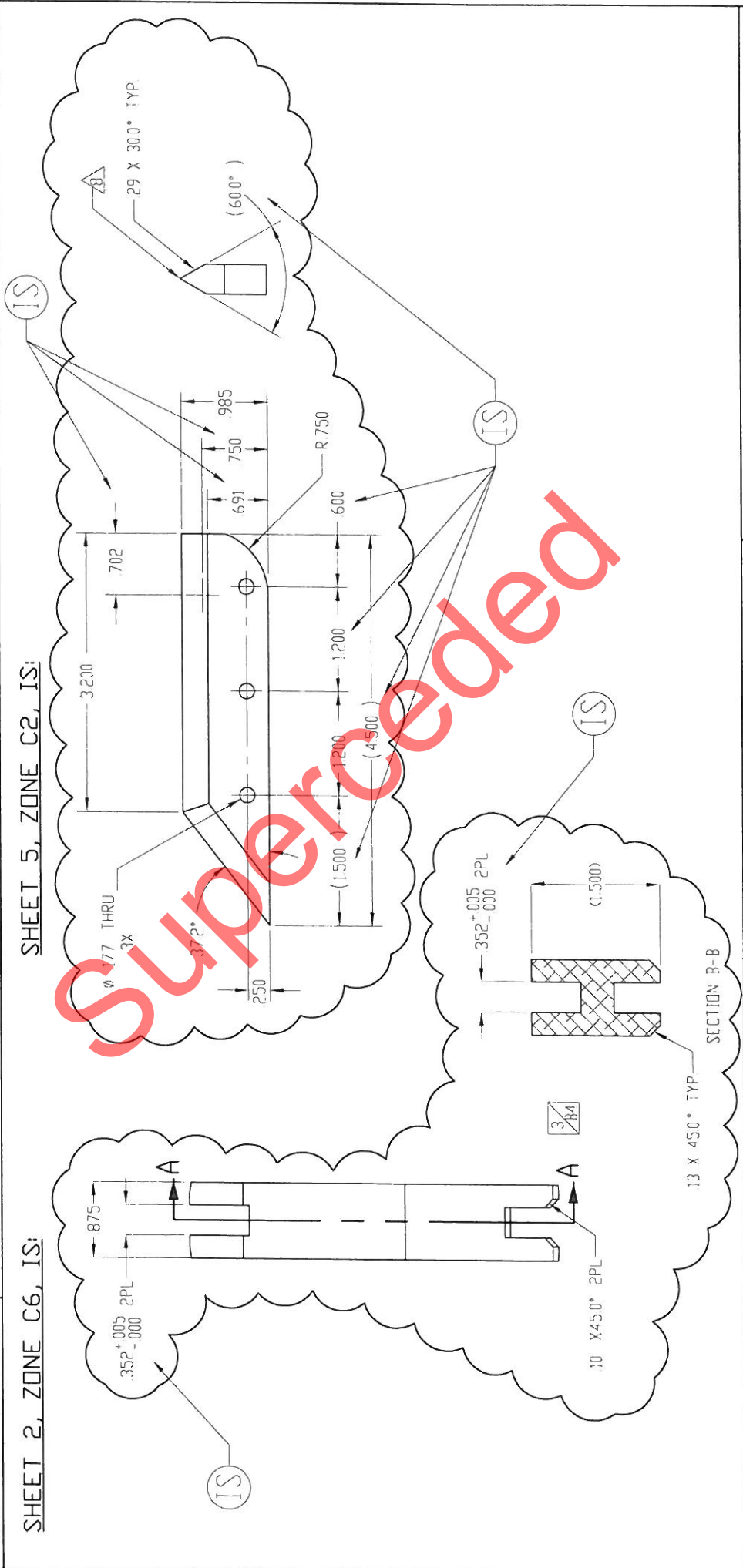
**Superceded**

FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK;  
PRETREAT PRC-DESOTO PR-148 ADHESION PROMOTER;  
PRIME IAW MIL-R-23377 J TYPE I CLASS N; 1-2 MIL MAX

**SHEET 1, NOTES IS:**

DOCUMENTS EFFECTED:	<input type="checkbox"/> RFMS	<input type="checkbox"/> MDL	<input type="checkbox"/> INSTALL	<input type="checkbox"/> INSTRUC	<input type="checkbox"/> ICA	<input type="checkbox"/> BOM	CHANGE CATEGORY	<input type="checkbox"/> MAJOR	<input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
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ENGINEERING CHANGE NOTICE		NO.	02744	SHEET 1 OF 1	
DWG NO. 646.9700		REV: N/C	PREPARED BY S. HUFF	DATE: 01/07/10	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.
DWG TITLE: CUTTER SUB ASSY					
APPROVED BY: <i>[Signature]</i>	ENGR: <i>[Signature]</i>	MFG: <i>[Signature]</i>	QC: <i>[Signature]</i>	EFF: <i>[Signature]</i>	NEXT ORDER
REASON: REVISED SCREW LENGTH, CHANNEL WIDTHS & DIMENSIONING SCHEME SHEET 5.					
TRANSACTION CODES (C/C) A-ADD C-CREATE R-REVISE D-DELETE					



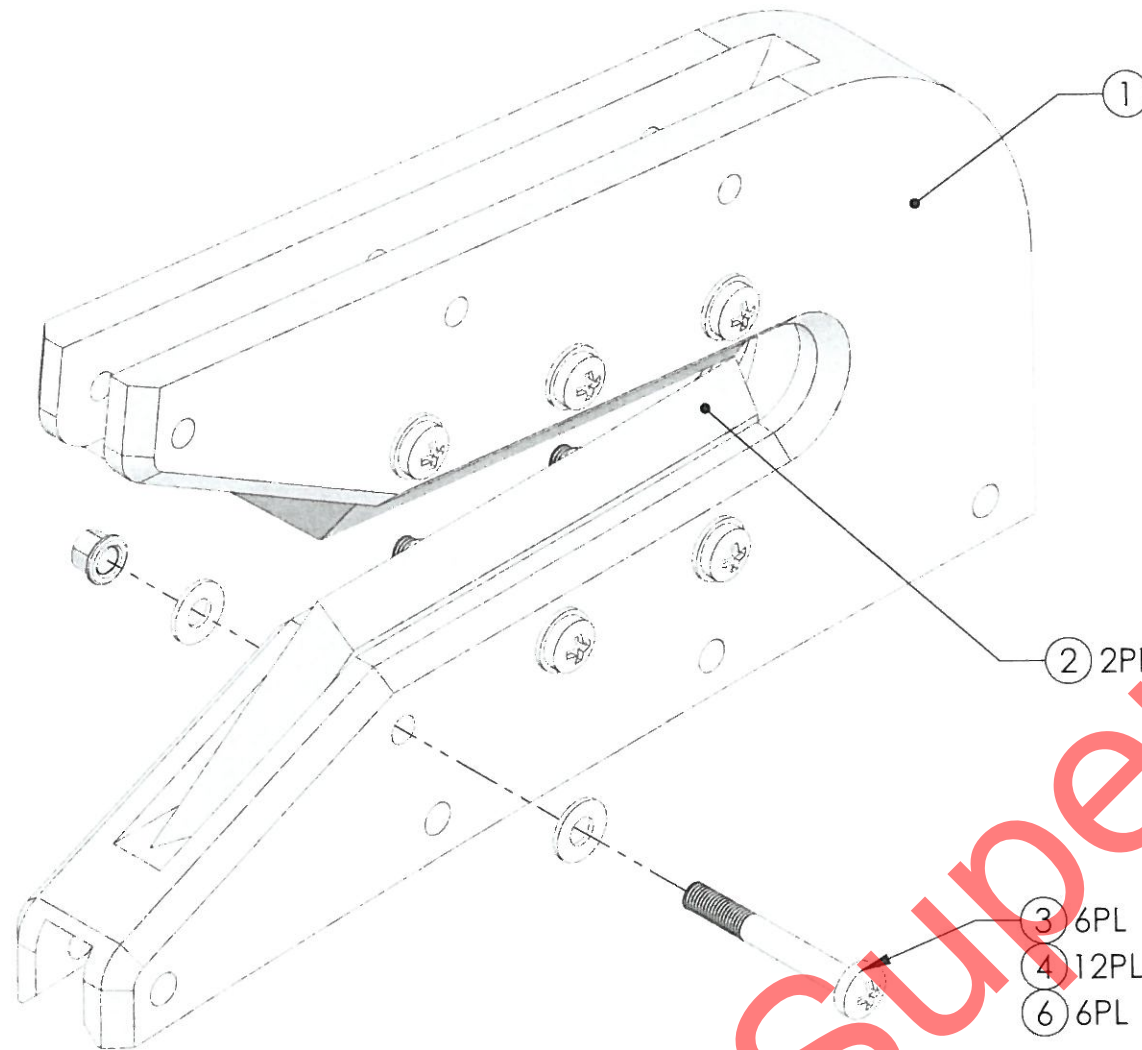
3	R	601.3157	12	SCREW	MS27039-0818
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL/SPECIFICATION
DOCUMENTS EFFECTED: <input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRU <input checked="" type="checkbox"/> ICA <input type="checkbox"/> FMS <input checked="" type="checkbox"/> BOM <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR					
DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR2		N/C
11/C	INITIAL RELEASE	05/29/09	P. BRAVO

NOTES:

- ① MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12
- ② FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III,  
CLASS 2, COLOR BLACK;  
CARDINAL 4860-50 PRETREATMENT PRIMER  
PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
- ③ MATERIAL: AISI A2 TOOL STEEL  
CONDITION: ANNEALED  
POST PROCESS: HEAT TREAT TO 58-62 Rc ROCKWELL HARDNESS
- ④ FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
5. DEBURR AND BREAK ALL SHARP EDGES EXCEPT WHERE OTHERWISE NOTED
6. IDENTIFY IAW MPP-120
- ⑦ APPLY F/N 5 AS REQUIRED TO ALL FAYING SURFACES OF F/N 2 UPON ASSEMBLY
- ⑧ CUTTING EDGE INTENDED TO BE SHARP, DO NOT BREAK SHARP EDGE



646.9701

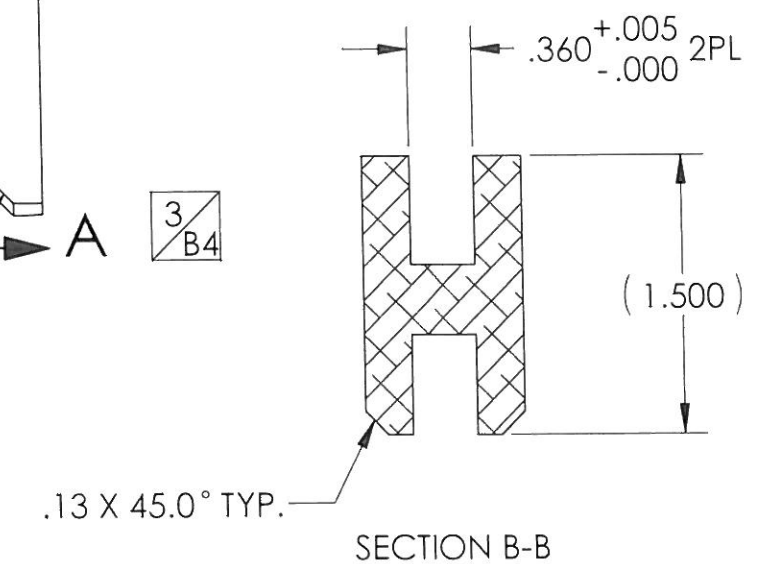
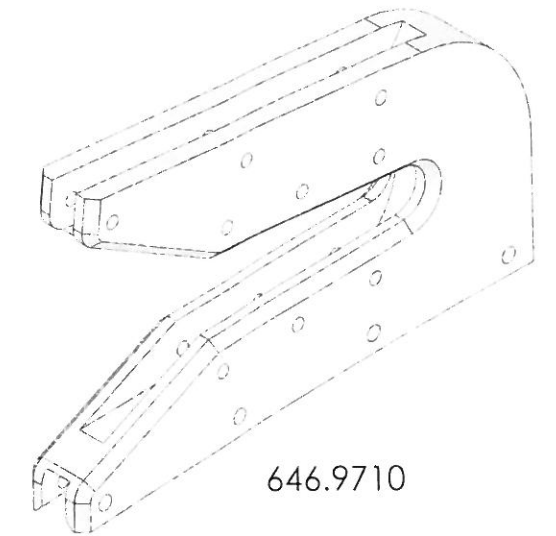
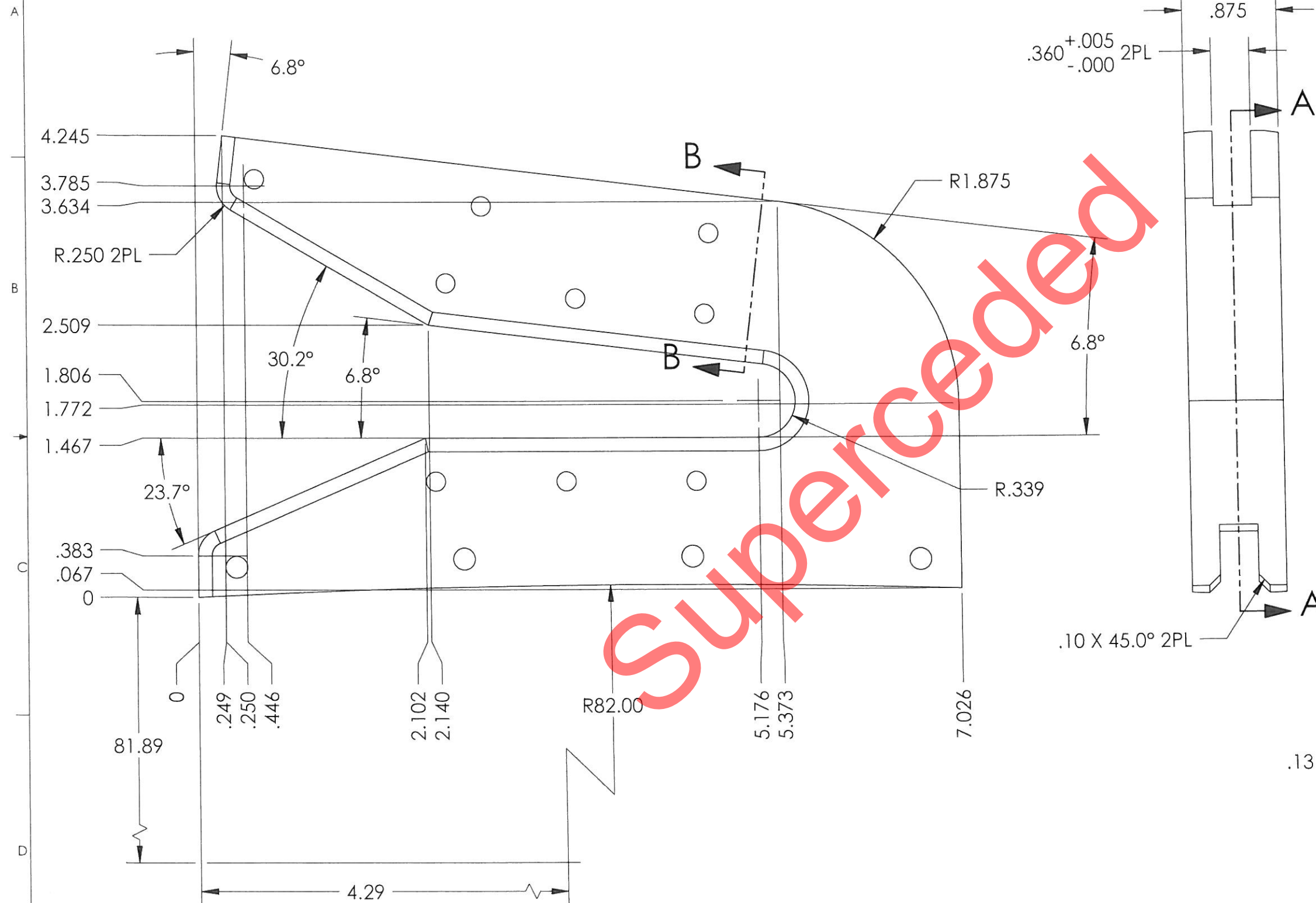
UNINCORPORATED ECN(s)

02744, 03838,

	6	6	601.1541	LOCKNUT	MS21042L08	
	A/R	5	601.2045	RTV, LOCTITE 598		
	12	4	601.2764	WASHER	MS1149F1832P	
	6	3	601.2765	SCREW	MS27039-0819	
	2	2	646.9711	BLADE	③	④
	1	1	646.9710	BODY	①	②
	⑧		646.9701	CUTTER SUB ASSY		
	9701	FIND #	PART #	DESCRIPTION	MATL	SPEC.
QTY				PARTS LIST		
NEXT ASSY (S)				APICAL INDUSTRIES		
646.9600				2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300		
				CUTTER SUB ASSY		
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± 5°		
				SCALE	NONE	SHEET 1 OF 5



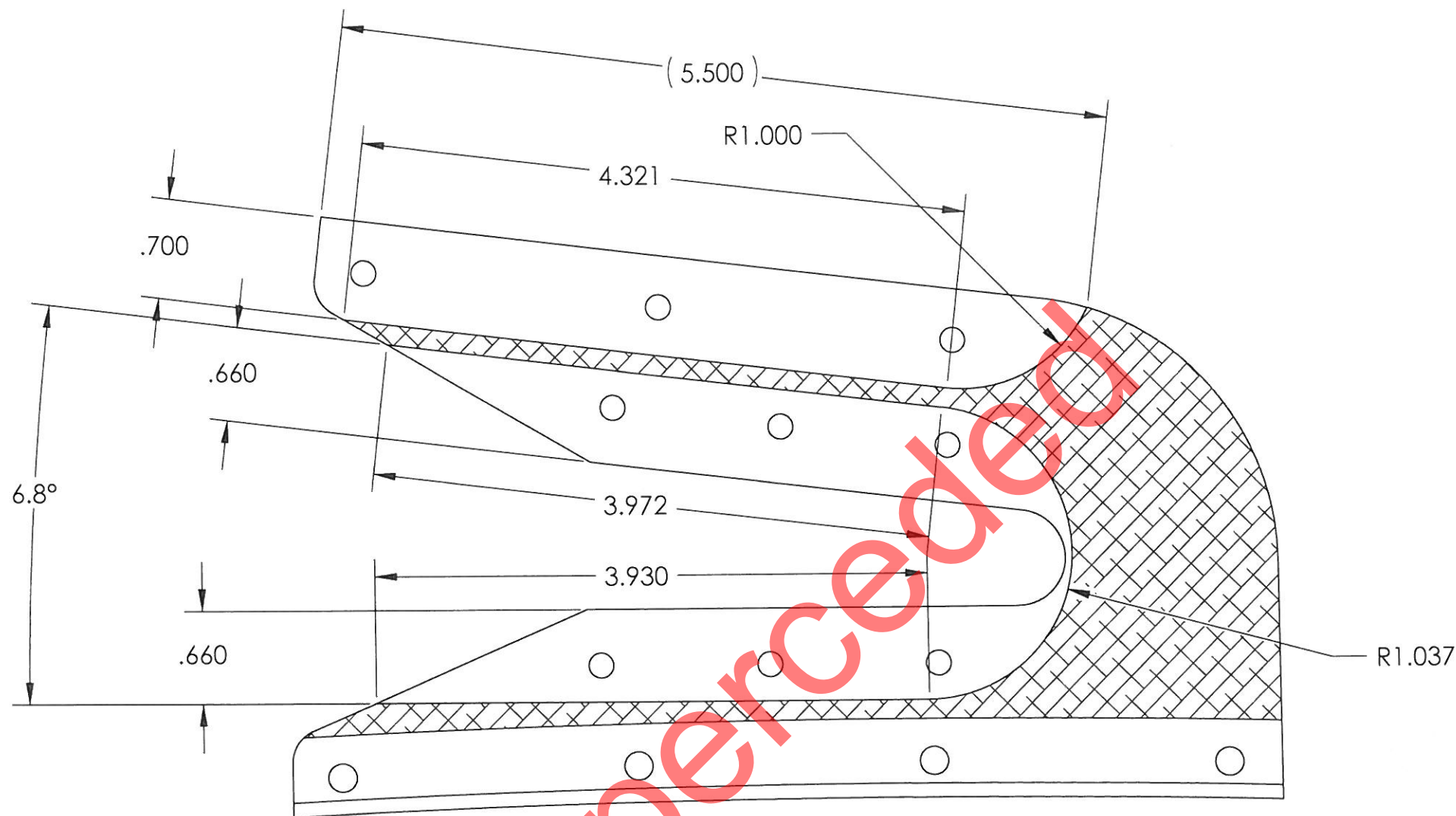
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ORIGINAL DATE (MO-DA-YR) 05-29-09		APICAL INDUSTRIES	
DRAWN BY R. ROSANO	CHECKED P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		CUTTER SUB ASSY	
CONTRACT NO.		SIT B	REV N/C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		CAGE CODE 07MZ6	DWG NO 646.9700
		SCALE: NONE	SHEET 2 OF 5

1 2 3 4 5 6 7 8

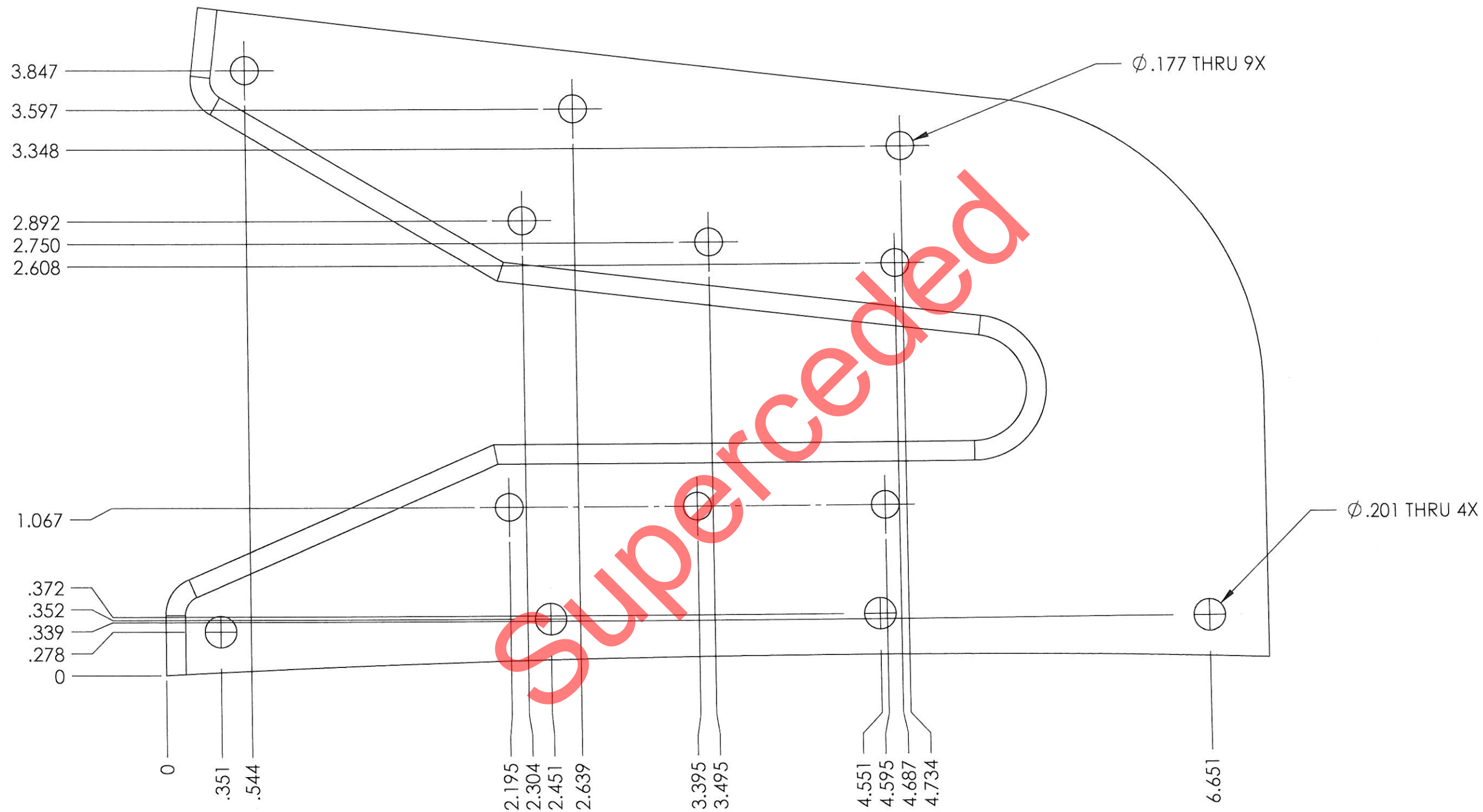
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SECTION A-A  $\frac{2}{C8}$

ORIGINAL DATE (MO-DA-YR) 05-29-09		APICAL INDUSTRIES	
DRAWN BY R. ROSANO	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 05-29-09		CUTTER SUB ASSY	
CONTRACT NO.		SIZE B	REV N/C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		CAGE CODE 07MZ6	DWG. NO. 646.9700
		SCALE NONE	SHEET 3 OF 5

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ORIGINAL DATE (MO-DA-YR) 05-29-09		APICAL INDUSTRIES	
DRAWN BY R. ROSANO	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA, 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO 05-29-09		CUTTER SUB ASSY	
CONTRACT NO.		SIZE B	REV N/C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		CAGE CODE 07MZ6	DWG. NO. 646.9700
		SCALE NONE	SHEET 4 OF 5



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.340<sup>+.000</sup>  
-.005

Ø.177 THRU  
3X

37.2°

.250

1.500

1.200

2.400

4.500

3.200

.500

.985

R.750

646.9711

8

.29 X 30.0° TYP.

ORIGINAL DATE (MO-DA-YR) 05-29-05		APICAL INDUSTRIES	
DRAWN BY R. ROSANO		2608 TEMPLE HEIGHTS DR.	
CHECKED BY P. BRAVO		OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		CUTTER SUB ASSY	
05-29-05			
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		SHEET B	REV N/C
CAGE CODE 07M26		DWG. NO. 646.9700	
SCALE NONE		SHEET 5 OF 5	